Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

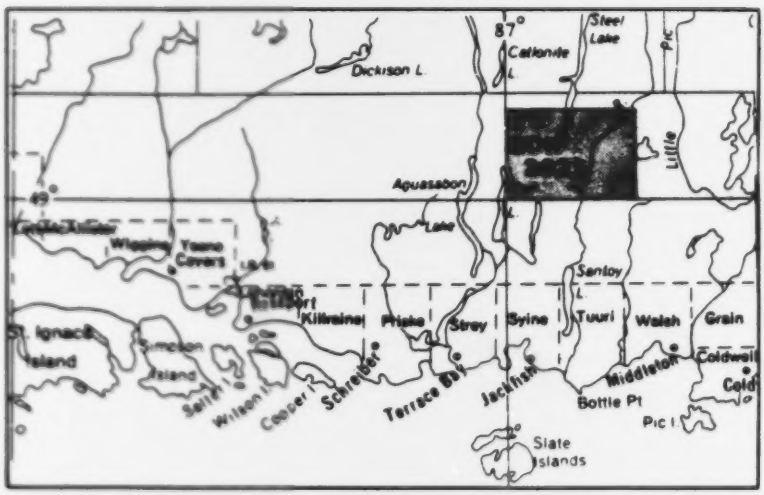
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 202

CAIRNGORM LAKE AREA

DISTRICT OF THUNDER BAY

Compiled by the Staff of
the Resident Geologist's Office
Thunder Bay



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

85-6399/

NTS Number 42 E/2 SW

Mining Claim Map Number G-585 (M-1668)

This project was funded equally by the government of Canada and Ontario under the Northern Ontario Rural Development Agreement (NORDA).

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1985: Cairngorm Lake Area, District of Thunder Bay; Ontario Geological Survey, Geological Data Inventory Folio 202; compiled by the staff of the Resident Geologist's Office, Thunder Bay, 16 pages and 2 maps.

Original Compilation by: P. Perry

Date	Page Revised	Revised by

Date	Page Revised	Revised by

CAIRNGORM LAKE AREA

TABLE OF CONTENTS

Data Sources Checklist 1

Metals and Minerals Reference List 2

Mineral Occurrences 3

Type of Work 4

Drill Hole Summary 5

Airborne Geophysical Survey Data 6

Geochemical Survey Data 7

Miscellaneous Data 8

Newspaper Clipping File 9

ODM General Index Search 10

Selected References 12

Notes and Addenda 16

ACCOMPANYING MAPS

Property Location Map - 1

Exploration Data Map - 1

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm²	0.155 0	square inches	1 square inch	**6.451 6**	cm²
1 m²	10.763 9	square feet	1 square foot	**0.092 903 04**	m²
1 km²	0.386 10	square miles	1 square mile	2.589 988	km²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm³	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm³
1 m³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m³
1 m³	1.308 0	cubic yards	1 cubic yard	0.764 555	m³
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	P. OCT./84
2	Assessment Files Research Office, Toronto	YES	P. OCT./84
3	ODM General Index; 7 volumes	YES	P. OCT./84
4	Catalogue of Airborne Geophysical Surveys (ODM)	YES	P. OCT./84
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	NO	P. OCT./84
6	ODM Industrial Mineral Reports	NO	P. OCT./84
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	N.A.	P. OCT./84
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	YES	P. OCT./84
9	Newspaper Clippings File	YES	P. OCT./84
10	GSC Index to Publications	YES	P. OCT./84
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	P. OCT./84
12	OGS Index Maps	YES	P. OCT./84
13	Source Mineral Deposit Records (O.G.S.)		
14	Author - Subject Articles File	YES	P. OCT./84
15	Miscellaneous Papers: ODM & OGS	YES	P. OCT./84
16	ODM Geological Circulars: OGS Study Series	YES	P. OCT./84
17	ODM Preliminary Reports: ODM Bulletins	YES	P. OCT./84
18	ODM – OGS Open File Reports	YES	P. OCT./84
19	OGS Northern Ontario Engineering Geology Terrain Studies	YES	P. OCT./84
20	OGS Aggregate Resources Inventory Papers	NO	P. OCT./84
21	OGS Mineral Potential Maps	YES	P. OCT./84

METALS AND MINERALS REFERENCES LIST

- Δ anh. . . . . .Anhydrite
- Δ ank. . . . . .Ankerite
- Δ anna . . . . . Annabergite
- Δ ap. . . . . .Apatite
- Δ arg . . . . . Argentite
- Δ As . . . . . .Arsenic
- Δ asp . . . . . .Arsenopyrite
- Δ asb . . . . . .Asbestos
- Δ ba. . . . . .Barite
- Δ be. . . . . .Beryl
- Δ Bi. . . . . .Bismuth
- Δ bn . . . . . .Bornite
- Δ bran . . . . . .Brannerite
- Δ bruc . . . . . .Brucite
- Δ Cd . . . . . Cadmium
- Δ calc. . . . . Calcite
- Δ carb . . . . . .Carbonate
- Δ cel . . . . . .Celestite
- Δ cc. . . . . .Chalcocite
- Δ cp. . . . . .Chalcopyrite
- Δ ch. . . . . .Chert
- Δ clay . . . . . .Clay
- Δ Co . . . . . Cobalt
- Δ cob. . . . . Cobaltite
- Δ cb. . . . . .Columbite
- Δ Cu . . . . . .Copper
- Δ cor . . . . . Corundum
- Δ dol . . . . . Dolomite
- Δ ep. . . . . Epidote
- Δ ery . . . . . Erythrite
- Δ fel . . . . . .Feldspar
- Δ fl . . . . . .Fluorite (flurospar)
- Δ fu. . . . . .Fuchsite
- Δ gn. . . . . .Galena
- Δ gt. . . . . .Garnet
- Δ goe. . . . . .Goethite
- Δ Au . . . . . Gold
- Δ gf. . . . . .Graphite
- Δ gl . . . . . Gravel
- Δ gyp. . . . . .Gypsum
- Δ hem . . . . . Hematite
- Δ il . . . . . .Ilmenite
- Δ Fe . . . . . .Iron
- Δ IF. . . . . Iron Formation
- Δ jas . . . . . Jasper
- Δ kaol . . . . . .Kaolinite (kaolin)
- Δ ky . . . . . Kyanite
- Δ Pb . . . . . Lead
- Δ lim . . . . . Limonite
- Δ Li. . . . . Lithium
- Δ mgst . . . . . Magnesite
- Δ mag . . . . . Magnetite
- Δ mc . . . . . Malachite
- Δ Mn . . . . . Manganese
- Δ mb . . . . . Marble
- Δ mar. . . . . Marcasite
- Δ ma . . . . . .Marl
- Δ mi . . . . . Mica
- Δ ml . . . . . Millerite
- Δ mo . . . . . Molybdenite
- Δ Mo . . . . . .Molybdenum
- Δ mon . . . . . Monazite
- Δ ne. . . . . Nephelite (nepheline)
- Δ nc. . . . . .Niccolite
- Δ Ni. . . . . Nickel
- Δ Nb . . . . . .Niobium
- Δ Pd . . . . . .Palladium
- Δ peat . . . . . .Peat
- Δ pent . . . . . .Pentlandite
- Δ Pt. . . . . .Platinum
- Δ py . . . . . .Pyrite
- Δ pyl . . . . . Pyrochlore
- Δ pyrl . . . . . .Pyrolusite
- Δ po . . . . . .Pyrrhotite
- Δ q . . . . . Quartz
- Δ qcv . . . . .Quartz carbonate vein
- Δ ra. . . . . .Radioactive minerals
- Δ RE . . . . . .Rare Earths
- Δ sd. . . . . Sand
- Δ sgl . . . . . Sand and gravel
- Δ ss . . . . . .Sandstone
- Δ scap . . . . . Scapolite
- Δ shee . . . . . .Scheelite
- Δ serp . . . . . Serpentine
- Δ sh. . . . . Shale
- Δ sid . . . . . Siderite
- Δ si . . . . . Silica
- Δ Ag . . . . . .Silver
- Δ sl . . . . . Slate
- Δ sm . . . . . .Smaltite
- Δ sod . . . . . Sodalite
- Δ spec . . . . . Specularite
- Δ sp. . . . . .Sphalerite
- Δ spd . . . . . .Spodumene
- Δ staur . . . . . .Staurolite
- Δ stib. . . . . Stibnite
- Δ st . . . . . .Stone
- Δ talc. . . . . .Talc
- Δ Te . . . . . Tellurium
- Δ td. . . . . Tetrahedrite
- Δ th. . . . . .Thorite
- Δ Th . . . . . .Thorium
- Δ thuc . . . . . Thucholite
- Δ ti . . . . . Titanite
- Δ Ti. . . . . Titanium
- Δ tour . . . . . .Tourmaline
- Δ trap . . . . . .Trap rock
- Δ W. . . . . Tungsten
- Δ uran . . . . . Uraninite
- Δ U . . . . . .Uranium
- Δ verm . . . . . .Vermiculite
- Δ Y . . . . . Yttrium
- Δ Zn . . . . . .Zinc
- Δ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES			Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref. Letter	Name(s)	Mineralization			

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE THUNDER BAY	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Newmont Mining Corp. of Canada Limited	69										69								
2	Noranda Exploration Co. Ltd. F.N.: 2.3787, 2.4560, 2.4574	81	81									81	81							
3	Noranda Exploration Co. Ltd. F.N.: 2.5952								83											

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
5	Questor Surveys Limited Noranda Exploration Co. Ltd.	Magnetic	120 metres	North/South	250 metres

GDIF FORM NO. 4

CAIRNGORM LAKE AREA

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
1	Soil Geochemistry (A, B, & C Horizons)	Cu, Pb, Zn, Ni	Noranda Exploration Co. Ltd. F.N.: 2.3787	Resident Geologist's Assessment Files, Thunder Bay
2	Soil Geochemistry (A, B, & C Horizons)	Cu, Pb, Zn, Ni	Noranda Exploration Co. Ltd. F.N.: 2.3787	Resident Geologist's Assessment Files, Thunder Bay

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO. 6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Thunder Bay

Newmont Mining Corporation of Canada Limited

Noranda Exploration Company Limited

ODM GENERAL INDEX SEARCH

Words searched: Cairngorm Lake, Owl Lake, Steel Lake, Steel River

Index Volume	Listing:	Report Volume	Part	Page
1	Steel River, Lake Superior			
	Animikie	4		238
	Moraine	R.C.		50
	Rapids, photo	9		112, 113
	Power	7		252
2	Steel River, joins Lake Superior East of Santoy			
	Falls, photo	30	4	25
	Pebbles for grinding	30	4	26
3	Owl Lake, North/West of Jackfish			
	Canoe route to	47	9	31
	Molybdenite claim	47	9	39, 40
8	Cairngorm Lake Area, Thunder Bay District			
	Geology of the Jackfish-Middleton Area	GR 50		
	Owl Lake			
	Cairngorm Lake Area, Thunder Bay District	GR 50		3-35
	Steel River			
	Township 81, Thunder Bay District	GR 50		13-36
9	Steel Lake Area, Thunder Bay District			
	Report (quaternary) and map 5080 on, 1979 by John F. Gartner	NOEGTS 44		

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Ayres, L. D., Lumbers, S. B., Milne, V. G., Robeson, D. W.	1971	Ontario Geological Map, West Central Sheet.	ODMNA Map 2199	1 inch to 16 miles
Carter, M. W., McIlwaine, W. H., Wisbey, P. A.	1973	Nipigon-Schreiber, Thunder Bay District, Ontario; Geological Compilation Series. Associated map 2137.	ODM Map 2232	1 inch to 4 miles
Pye, E. G.	1968	Nipigon-Schreiber Sheet, Thunder Bay District, Ontario; Geological Compilation Series. Associated maps P-357, P-358, P-360.	ODM Map 2137	1 inch to 4 miles
		GEOLOGICAL MAPS AND REPORTS		
Bell, R.	1872	Report on the Country North of Lake Superior, between the Nipigon and Michipicoten Rivers, Ontario.	GSC, Report of Progress 1870-1871, Pt. VIII	
Bell, R.	1872	Report on the Country between Lake Superior and the Albany River, Ontario.	GSC, Report of Progress 1871-1872, Pt. III	
GSC	1935	Lake Nipigon Sheet, Ontario.	GSC Map 308A	1 inch to 8 miles
Parks, W. A.	1902	The Country East of Nipigon Lake and River.	GSC, Annual Report Vol. XIV, Pt. A	pp. 105-109
Sage, R. P.	1975	Carbonatite-Alkalic Complexes; in Summary of Field Work, 1975, by the Geological Branch, edited by V. G. Milne, D. F. Hewitt, K. D. Card, and J. A. Robertson.	ODM, Miscellaneous Paper 63	pp. 58-66

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Tanton, T. L.	1921	Nipigon-Schreiber District, Ontario.	GSC, Summary Report 1920, Pt. D	pp. 2-7
Walker, J. W. R.	1956	Preliminary Report on the Geology of the Jackfish-Middleton Area, NTS 42 D/N, 42 E/S, Thunder Bay District, Ontario.	ODM, Geological Circular 4 (Study 4)	
Walker, J. W. R.	1967	Geology of the Jackfish-Middleton Area, District of Thunder Bay, Ontario. Accompanied by map 2107 and map 2112.	ODM GR 50	2 inches to 1 mile
Wilson, W. J., Collins, W. H.	1909	Geological Reconnaissance of a Portion of Algoma and Thunder Bay Districts, Ontario, and Report on the Region Lying North of Lake Superior between the Pic and Nipigon Rivers, Ontario. Accompanied by map 964.	GSC, Separate Report 980, 1081	
		GEOCHEMICAL MAPS AND REPORTS		
GSC	1981	National Geochemical Reconnaissance coloured Compilation Map Series; Lake Superior, Ontario.	GSC - OFR 746	1:200,000
GSC - OGS	1978	Field Operations and Analytical and Statistical Data of Regional Lake Sediment and Water Geochemistry Schreiber and Part of Longlac, NTS 42 D, 42 E, Thunder Bay District. Accompanied by maps P-1805 to P-1818.	OGS - OFR 5248	
		GEOPHYSICAL MAPS AND REPORTS		
ODM - GSC	1963	Aeromagnetic Map, Killala Lake (42 E/2).	Map 2148G	1 inch to 1 mile

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
ODM - GSC	1965	Aeromagnetic Map, Longlac (42 E).	Map 7102G	1 inch to 4 miles
ODM - GSC	1970	Aeromagnetic Compilation Map. Albany River, Algoma, Cochrane, Kenora, Sudbury, Thunder Bay and Timiskaming Districts, Ontario.	Map P-578	1 inch to 16 miles
		MINERAL POTENTIAL MAPS		
Springer, J. S.	1978	Ontario Mineral Potential, Longlac Sheet, 42 E, Thunder Bay, Cochrane Districts, Ontario.	OGS Map P-1527	1:250,000
Springer, J. S., et al	1982	Mineral Potential Map of Ontario, West Central Sheet, NTS 41/NW, 42/W, 43/SW, 52, 53/SE.	OGS - OFR 5326	
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Gartner, J. F.	1979	Northern Ontario Engineering Geology Terrain Study 44, Steel Lake Area (NTS 42 E/SE), District of Thunder Bay, Ontario. Accompanied by map 5080.	NOEGTS 44	p. 14 1:100,000
Surveys and Mapping Branch Department of Energy, Mines and Resources	1979	Topographic Map, Killala Lake (42 E/2).		1:50,000
Zoltai, S. C.	1965	Thunder Bay Surficial Geology, NTS 42 D, E, L, 52 A, H, I, Ontario.	ODLF Map S2-65	1 inch to 8 miles
Zoltai, S. C.	1967	Glacial Features of the North-Central Lake Superior Region, Ontario.	Canadian Journal of Earth Sciences Vol. 4, No. 2	pp. 515-528

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO.9

NOTES AND ADDENDA

GDIF FORM NO.30

CAIRNGORM LAKE AREA

87° 00'

49° 07' 30"

Lake

Steel

River

Steel

86° 45'

49° 07' 30"

Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 202

(Map 1 of 2)

CAIRNGORM LAKE AREA

DISTRICT OF THUNDER BAY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

Steel

Cairngorm

3

3

Owl L

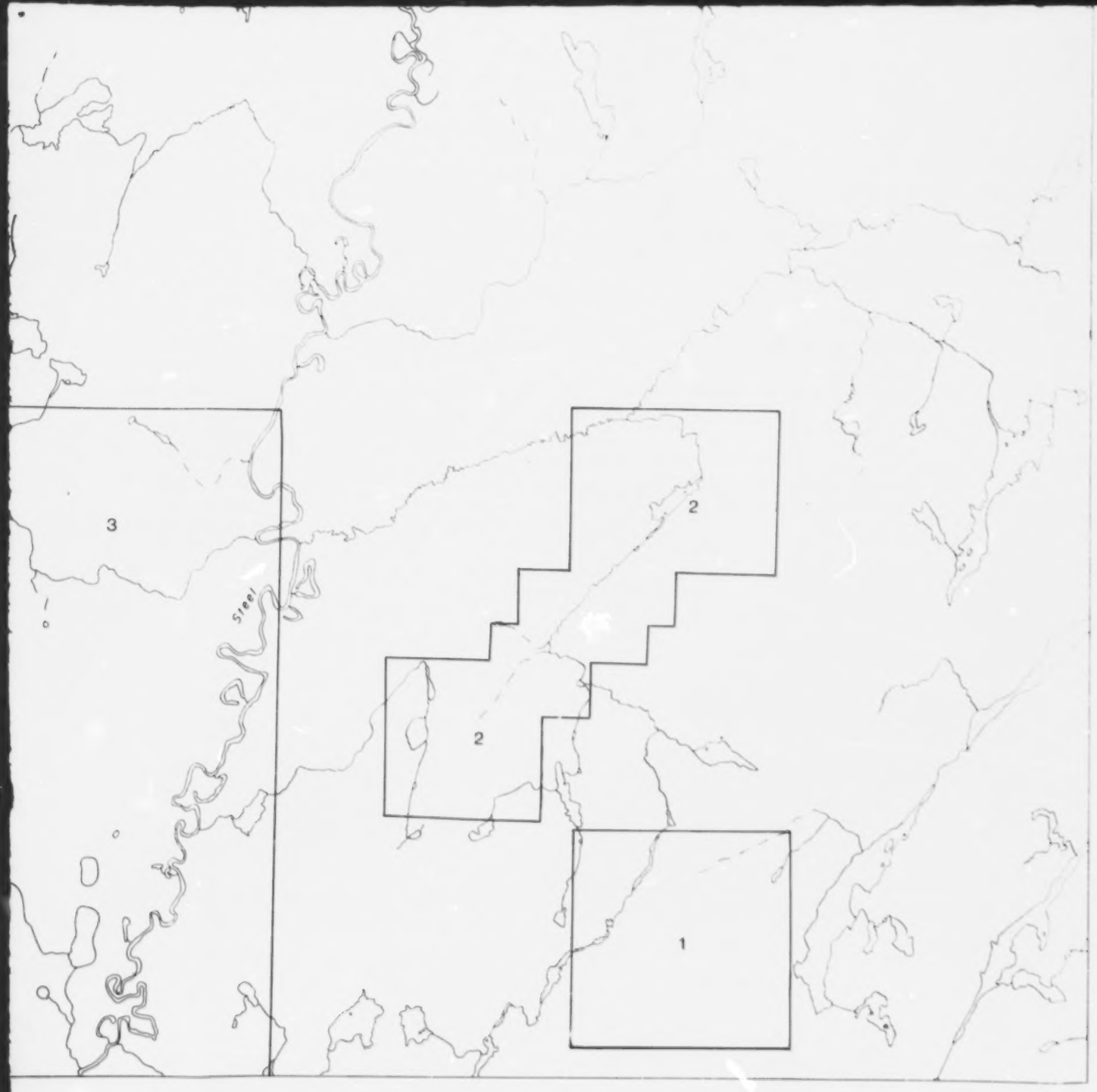
Lake

3

Steel

49° 00'

87° 00'



EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined. See listing in text pages.

Small area of exploration.

49° 00'

86° 45'

87° 00'

49° 07' 30"

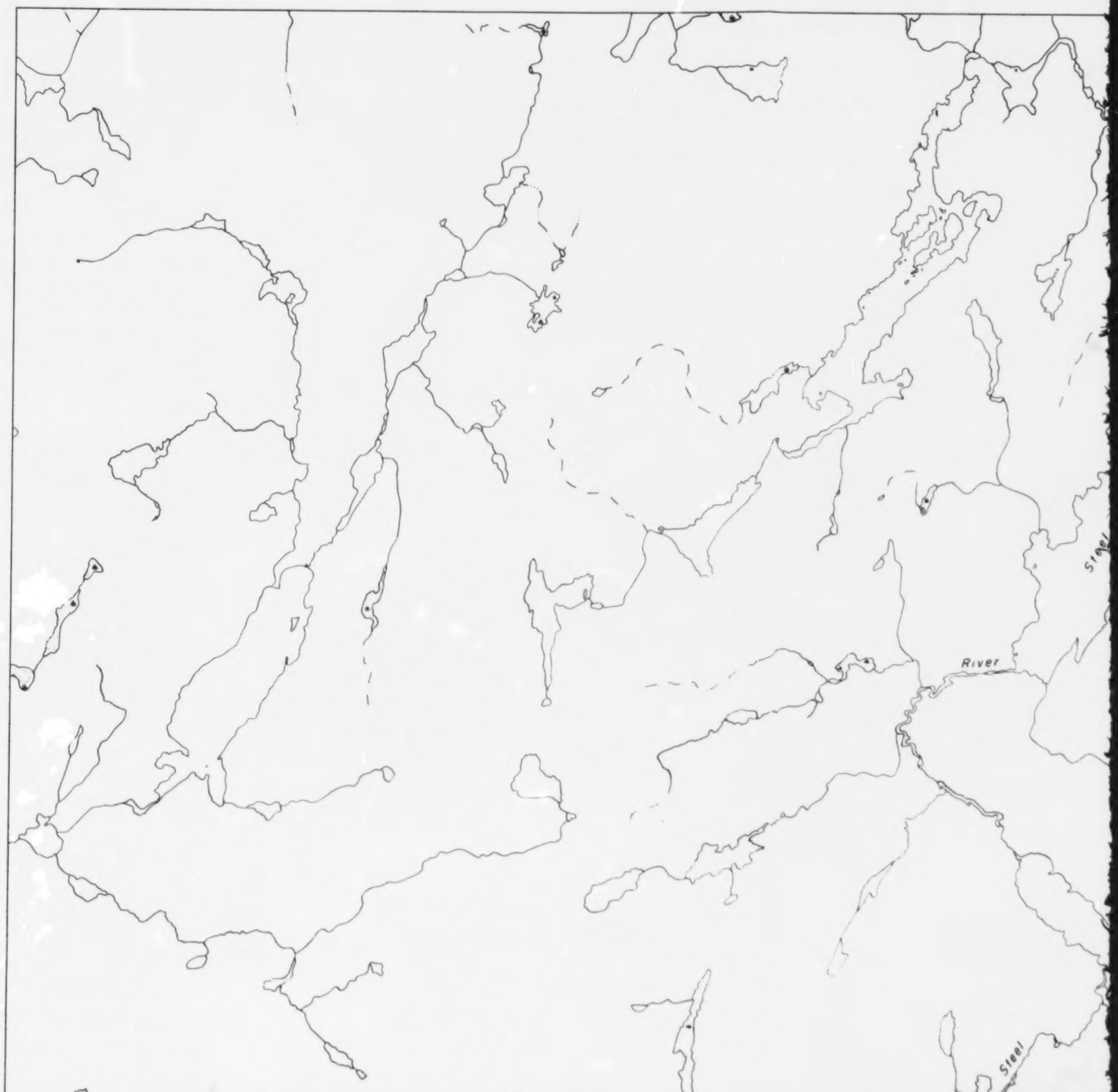
TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☐ Geochemical sample site, with reference number
- ☒ Area of geochemical sampling, with reference number
- ☐ Age dating material sampling site, with reference number
- ☐

GEOPHYSICAL ANOMALIES

- ☒ AM — Airborne Magnetometer Anomaly
- ☐ Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- ☐ ARA — Airborne Radiometric Anomaly
- ☐ M — Ground Magnetometer Anomaly
- ☒ VL — Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone EM - 16)
- ☐ RA — Ground Radiometric Anomaly
- ☐ IP — Induced Polarization Anomaly



86° 45'

49° 0

LOKO

Steel

River

River

Steel

86° 45'

49° 07' 30"

Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 202

(Map **2** of **2**)

CAIRNGORM LAKE AREA

DISTRICT OF THUNDER BAY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ☐ cp A. — Mineral occurrence at surface, with reference letter
- ☐ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- ☐ Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ cp A. — Mineralized Float with reference letter
- ☐

- ☐ Airborne Electromagnetometer Anomaly. Location of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly Conductor Axis: definite, probable, possible
- ☐ ARA — Airborne Radiometric Anomaly
- ☐ M — Ground Magnetometer Anomaly
- ☒ VL — Ground Electromagnetometer Anomaly (VL - Vertical Loop; HL - Horizontal Loop; VLF - Very low freq; Turam; JEM - Crone EM - 16)
- ☐ RA — Ground Radiometric Anomaly
- ☐ IP — Induced Polarization Anomaly
- ☐ SP — Self Potential Anomaly
- ☐ AFMAG — Audio-frequency magnetometer anomaly (total intensity)
- ☐ R — Resistivity Anomaly
- ☐ GR — Gravity Anomaly
- ☐

MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐
- ☐ Rock quarry
- ☐ Sand and/or gravel pit
- ☐

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

Steel

Cairngorm

AM

AM

Steel

Lake

4.1

NL

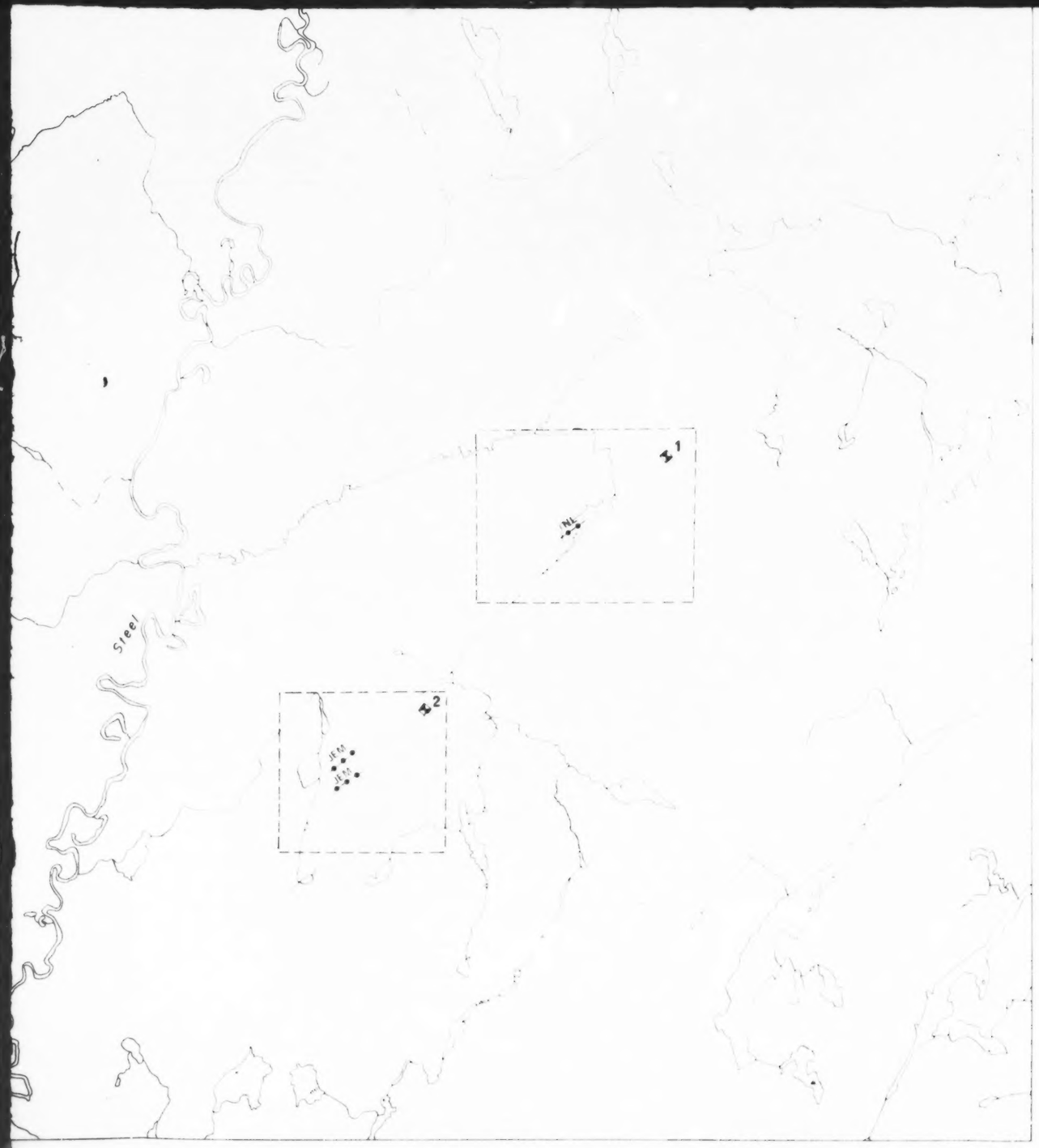
4.2

JM

JEA

49° 00

86° 45'



MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized Float with reference letter

DRILL HOLES

- Location of single drill hole, with reference number
- Location of closely spaced group of drill holes, with reference number
- Drill hole, exact location uncertain, with reference number.
- Property with underground drill holes in this general area, with reference number
- Property with drill holes which have not been plotted on map, with reference number
- Reverse Circulation Drill Hole; Churn drilling, with reference number